

Form PTO-1449

ATTY DOCKET NO.
0216-0462P

APPLICATION NO.
New

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

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| APPLICANT |
| NOAKI, Yasuhide et al. |

FILING DATE
January 7, 2002

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| GROUP | 1742 |
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U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

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EXAMINER

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| Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) | | ATTY DOCKET NO. 0216-0462P APPLICATION NO. 10/019,948 APPLICANT Yasuhide NOAKI et al. FILING DATE January 7, 2002 GROUP 1742 UNASSIGNED | |
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 MAR 26 2002
 U.S. PATENT & TRADEMARK OFFICE

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------|------------|---------------|-------|--------------|-------------------------------|
| EXAMINER INITIALS | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
| HW | 4,111,779 | 1978-09-05 | SEKO et al. | — | — | |
| HW | 4,734,180 | 1988-03-29 | SATO et al. | — | — | |
| HW | 4,602,984 | 1986-07-29 | BEAVER et al. | — | — | |
| HW | 4,295,953 | 1981-10-20 | FUSEYA et al. | — | — | |
| HW | 5,571,390 | 1996-11-05 | KIMURA et al. | — | — | |
| HW | 5,225,060 | 1993-07-06 | NOAKI et al. | — | — | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
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| EXAMINER INITIALS | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION | |
| | | | | | | YES | NO |
| HW | JP61-019789A | 1986-01-28 | JAPAN | — | — | Abs | |
| HW | JP63-011686A | 1988-01-19 | JAPAN | — | — | Abs | |
| HW | JP59-153376U | 1984-10-15 | JAPAN | — | — | Abs | |
| HW | JP11-071693A | 1999-03-16 | JAPAN | — | — | Abs | |
| HW | JP10-110287A | 1998-04-28 | JAPAN | — | — | Abs | |
| HW | JP5-320970A | 1993-12-07 | JAPAN | — | — | Abs | |
| HW | JP4-350190A | 1992-12-04 | JAPAN | — | — | Abs | |
| HW | JP4-289185A | 1992-10-14 | JAPAN | — | — | Abs | |
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| OTHER DOCUMENTS | (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. |
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| EXAMINER <i>Harry D. Williams</i> | DATE CONSIDERED 8/20/03 |
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